Index of Claims

Application N . Applicant(s)

Examiner Art Unit

√ Rejected
= Allowed

(Through numeral)
Cancelled
+ Restricted

N Non-Elected

I Interference

A Appeal
O Objected

| | | Ц | | | | ı | 1 | _ | | | |
|---------------------------------------|----------|----------|--|----------------|--------------|--|--|----------|--------------|-----|----------|
| | | | | | | | | | | | |
| Claim | T | | | - (| Date | 9 | | | - 1 | - 1 | - |
| | 1 | | | | | | | | | | |
| Final Original | 8/12/03 | | 1 | | | | | | | | - |
| Final | ম | | 1 | | | | 1 | | - 1 | | Floal |
| | 12 | | | l | | | | | - 1 | | u |
| 1 1 _ |] - | | | | | | | | - 1 | | |
| 1 | 1 | | | | | | | | | - 1 | |
| 1 2 | 4- | ┢╾ | | - | - | \vdash | | - | 1 | 1 | _ |
| | 1 | - | - | - | - | | - | - | | - 1 | |
| 3 | 1_ | _ | L | _ | _ | | _ | _ | | | - |
| 4 5 | | | | | | | | | | | |
| 5 | 7 | | | | | | | | | | |
| 6 | 1 | | _ | | | | | | $\neg \neg$ | | |
| 1 7 | 1- | \vdash | | | Н | | \neg | _ | | | _ |
| | 4 | H | | - | Н | \vdash | _ | - | \dashv | | _ |
| 8 | 1 | | _ | | L | | | | Ш | | |
| 9 | 1_ | | | | | | | | | | |
| 10 | T | | | | | | | | | | Г |
| 11 | T | | | | | _ | П | | | | |
| 1 42 | +- | - | | \vdash | Ι- | Н | \vdash | _ | \vdash | | _ |
| 12 | ŀ | <u> </u> | - | ! — | H | \vdash | ⊢⊢ | _ | Н | | - |
| 13 | \perp | _ | _ | _ | Щ | Ш | Ш | | Ш | | L |
| 14 | | _ | | L | L | | | | | | L |
| 15 16 | 1. | | | Γ | | | | | П | , 1 | _ |
| 16 | - | ╒ | | \vdash | | | | | | | |
| 17 | ╁╴ | Н | ┪ | | _ | _ | | | | i | |
| 1 48 | +- | ⊢ | ⊢ | - | - | ├ | Н | - | | | - |
| 18 | 1: | ┡ | | ļ | ┡ | ├ | - | _ | Н | | - |
| 19 | | _ | ! | <u> </u> | _ | <u> </u> | | | ш | | _ |
| 20 | <u> </u> | | <u>l</u> | 1 | | | | | | | |
| 21 | 1 | Г | 1 | T | Г | | | | - | | |
| 22 | 1 | Г | 1 | 1 | Г | | | | | | Г |
| 23 | 1: | - | ╌ | ┼ | ╌ | - | | | \vdash | | ┢ |
| | +- | ⊢ | ⊢ | ┢ | ╌ | - | H | - | Н | | ⊢ |
| 24 | 4 | ┡ | - | ┞— | ├ | ! | <u> </u> | _ | Н | | - |
| 25 | <u> </u> | _ | ┖- | L | <u></u> | L | _ | L. | ш | | <u>_</u> |
| 26 | | <u> </u> | | <u>L</u> | <u> </u> | | | | | | L |
| 27 | | Γ | П | 1 | | l | | | | | |
| 28 | 1 | | Г | П | П | Г | | | | | Г |
| 29 | 1 | Т | 1 | 1 | 1 | _ | | | | | |
| 30 | ╫ | 1 | ┼ | ┰ | - | 1- | Н | \vdash | - | | - |
| 30 | +- | ₩ | ┡ | - | | ├ | - | ┡ | \vdash | | ⊢ |
| 31 | 1_ | ᆜ | ! | ١ | Ŀ | ١ | L | L | <u> </u> | 1 | ┕ |
| 32 | L | | L | <u>L</u> | | | | _ | | l | L_ |
| 33 | | Г | 1 | 1 | _ | | | | | l | L |
| 34 | 1 | Т | Т | | П | | Г | | | | Г |
| 35 | 1 | 1 | 1 | Г | 1 | Г | | Г | | | г |
| · | ╅╧ | ┰ | +- | + | | ┢ | - | \vdash | | | ⊢ |
| 36 | 4 | 1- | ┼ | Ͱ | ╌ | - | - | ⊢ | H | l | ⊢ |
| 37 | 4- | ١ | ١_ | ╄ | ١_ | ₩. | — | _ | - | l | ⊢ |
| 38 | 1_ | 1_ | 1_ | L_ | <u> </u> | | L | <u>_</u> | | ı | ᆫ |
| 39 | | 1 | 1 | 1 | <u> </u> | i | <u>.</u> | | | | L |
| 40 | T | Г | П | П | Г | Г | | Г | 1 | Ì | Γ |
| 41 | + | 1 | 1 | 1 | 1 | | | 1 | Г | 1 | Г |
| 42 | - | +- | ┰ | - | 1 | +- | | \vdash | 1- | 1 | H |
| 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1 | ₩ | ┼ | +- | +- | 1- | \vdash | ╁ | | 1 | \vdash |
| 43 | 4- | ╄- | — | + | ₩ | | 1- | ├ | | ł | - |
| 44 | 1 | 1_ | _ | 1_ | <u> </u> | L | ┞_ | Ļ | <u> </u> | Į | ⊢ |
| 45 | | L | L | L | L | L | <u>L</u> | <u></u> | L | 1 | L |
| 46 | i I | Π | Γ | L^{-} | L^{-} | L | L | | | | L |
| 47 | 1 | Т | Γ | Г | Π | Г | Г | Г | Г | 1 | Γ |
| 48 | | 1- | 1- | 1 | 1 | Т | Ι- | Т | Г | 1 | Г |
| 49 | + | +- | ╅╾ | ╁ | 1- | | \vdash | T | T | 1 | ۲ |
| | | ╀ | +- | +- | ╁ | ╁ | +- | \vdash | +- | ł | H |
| 50 | Ч_ | _ | 1 | _ | ـــــ | _ــ | ــــــــــــــــــــــــــــــــــــــ | | _ | ı | _ |

| Cla | im | Date | | | | | | | | | |
|----------|----------|----------------|----------|--|----------|----------|--------------|----------|-------------------------------------|------------------|--|
| | 1 | | | | | | | | | | |
| Final | Original | | | | | | | | | | |
| | 51 | Н | _ | | H | Н | \dashv | \dashv | | | |
| \vdash | 52 | | Τ | | \Box | | | | | | |
| | 53 | - | _ | | Н | Н | | | | | |
| - | 54 | | | Н | ┢ | Н | | T | | | |
| | 55 | Н | - | - | Н | Н | | | | | |
| - | 56 | Н | Н | - | - | Н | | - | \vdash | \dashv | |
| — | 57 | Н | | \vdash | - | Н | \neg | H | Н | | |
| \vdash | 58 | Н | - | | \vdash | Н | Н | _ | | | |
| | 59 | Н | ┢ | | | П | _ | П | П | | |
| | 60 | Н | _ | | \vdash | П | | | _ | | |
| | 61 | П | \vdash | Г | _ | | | | _ | | |
| _ | 62 | П | _ | 1 | Г | П | | | | | |
| | 63 | П | | Г | Г | П | | | Г | | |
| | 64 | | Г | Г | Г | | | | | | |
| | 65 | | | Г | Γ | | | | | | |
| | 66 | | | | | | | | | | |
| | 67 | | | | | | | | | | |
| | 68 | | | | | | | | | | |
| | 69 | | | | | | | | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | | |
| | 70 | | | L | L | | \Box | | _ | | |
| _ | 71 | | L_ | L | <u> </u> | | | | <u> </u> | | |
| <u> </u> | 72 | L | <u> </u> | L | ┖ | ╚ | L., | | <u> </u> | L | |
| <u> </u> | 73 | Ш | ┡ | ₽ | ١ | <u> </u> | | _ | ┡ | <u> </u> | |
| | 74 | - | Ŀ | ⊢ | ┝ | ┞ | H | ├ | ⊢ | ⊢ | |
| \vdash | 75 76 | | ⊢ | ⊢ | ├ | | - | - | ┝ | \vdash | |
| \vdash | 77 | Н | ┢ | ╁ | ╁╴ | ┞ | | _ | Н | - | |
| — | 78 | \vdash | 1 | ╁ | 1- | Н | Т | ┢ | Н | Ι | |
| | 79 | _ | | 1 | Т | | | | | | |
| | 80 | Г | \vdash | T | 1 | T | | Г | Г | | |
| | 81 | 1 | 1 | 1 | | Г | Ι- | | ऻ | | |
| | 82 | | 1 | | Т | Г | Г | | Г | Π | |
| | 83 | Г | | 1 | П | П | Γ. | | | Г | |
| | 84 | | | \Box | | | | | | | |
| | 85 | | | | | | 匚 | | | | |
| | 86 | | | | Γ | | L | Ĺ | | _ | |
| | 87 | 匚 | 匚 | | L | Ļ | L | Ĺ | Ĺ | $ldsymbol{oxed}$ | |
| \perp | 88 | _ | 1 | ┺ | 1_ | ╄ | L | Ļ | L | <u> </u> | |
| — | 89 | ↓_ | ⊢ | 1 | ╄ | 1 | | - | 1 | | |
| — | 90 | ╀ | | ╀ | ╀ | | ├ | ╀╌ | ╀ | - | |
| | 91 92 | - | ╀ | ╀ | ╀ | + | + | ┢ | ╁ | ╁╌ | |
| \vdash | 93 | ╫ | ⊢ | ┿ | + | ╁ | ┢ | ╁ | ╁ | \vdash | |
| - | 94 | ╁╾ | ╁ | ╁ | ╁╌ | ╁ | 一 | \vdash | + | ┢ | |
| \vdash | 95 | - | †- | ╁ | ╁ | ╁ | \vdash | ✝ | t | \vdash | |
| - | 96 | t^{-} | t | 1 | 1 | 1 | ✝ | T | t | t | |
| - | 97 | t | 1 | † | Τ | 1 | Т | T | T | T | |
| | 98 | ✝ | T | 十 | ✝ | 1 | | Γ | T | L | |
| | 99 | Γ | | L | I | Ι | L | | | Γ | |
| | 100 | | L | Γ | L | | 匚 | | | L | |

| n | CB | | O | | U | oje | CIB | a | | | | |
|---|----------|------------|----------|----------|----------------|-----|------------|--------------|------------|----------|--------------|----|
| ٦ | <u> </u> | aim | Date | | | | | | | | | |
| ŀ | <u> </u> | aich | | | | - | Jaie | , | | _ | ᅥ | |
| | Final | Original | | | | | | | | | | |
| Ì | | 101 | | | | | | | | | | |
| L | | 102 | | Ш | \Box | | | _ | | _ | _ | |
| L | | 103 | | Ш | _ | | Щ | _ | | \dashv | _ | |
| L | | 104 | | Ш | | | | | | ╧ | _ | |
| L | | 105 | \perp | | \dashv | _ | _ | _ | | \dashv | _ | |
| ļ | | 106 | | Ш | Щ | _ | Щ | | | _ | _ | |
| ŀ | | 107 | _ | Ш | _ | | | _ | | \dashv | | |
| ŀ | | 108 | <u> </u> | H | Н | | - | | - | \dashv | | |
| 1 | | 109 | H | _ | - | | Н | _ | | \dashv | 긕 | |
| ŀ | | 111 | - | - | \vdash | _ | Н | - | - | | \dashv | |
| ŀ | | 112 | ├ | - | Н | | Н | | Н | | ᅱ | |
| ŀ | | 113 | - | - | Н | | Н | - | Н | \dashv | ᅥ | |
| ł | | 114 | | | Н | | Н | Н | Н | \neg | ᅥ | |
| ł | | 115 | ┢ | - | Н | _ | | Н | - | \vdash | \dashv | |
| ł | | 116 | ╁ | Н | Н | | | | | | | ĺ |
| Ì | | 117 | Г | | | | Г | | | | | i |
| Ì | | 118 | | | | | | | | | | |
| ľ | | 119 | | | | | | | | | | |
| [| | 120 | | | | | | | | | | |
| | | 121 | | | | | | | | | | |
| 1 | | 122 | L | _ | Ш | | _ | | | \Box | | |
| ١ | | 123 | L | L | | | _ | | L | Ш | | l |
| ١ | | 124 | ļ_ | <u> </u> | | _ | Ш | <u> </u> | L | Щ | _ | |
| ١ | | 125 | ├ | ļ | ⊢ | | - | ⊢ | | \vdash | = | l |
| 1 | | 126 127 | ⊢ | - | \vdash | ⊢ | - | ⊢ | ├ | Н | | |
| ł | | 128 | 1- | - | - | Н | - | 1 | ┢ | - | Н | l |
| 1 | | 129 | 1 | ┢ | - | ┢ | 1 | Н | ✝ | \vdash | | |
| 1 | | 130 | t | 1 | | | 1 | Г | \Box | | | l |
| | | 131 | 1 | ✝ | | | | | | | | |
| - | | 132 | Τ. | Г | | | | | | | | |
| ļ | • | 133 | Г | Π | | | | | | | | |
| | | 134 | | | | | L | | L | | L., | I |
| | | 135 | ┖ | ┖ | <u> </u> | L | <u> </u> | <u> </u> | ┖ | L | <u> </u> | Į |
| ı | | 136 | <u> </u> | <u> </u> | L | L | <u> </u> | <u> </u> | ! _ | ┡ | _ | l |
| | | 137 | ╀ | ├ | | ⊢ | ! − | ├ | - | - | | ł |
| | | 138 | ┼ | ╀ | — | | ⊢ | - | ⊢ | ╌ | ├ | ┨. |
| | | 139 | ⊢ | ╀ | - | ⊢ | ╀ | ⊢ | ╂━ | ╀ | \vdash | ł |
| | | 141 | 1 | ╀ | - | ┰ | †- | ┪ | t | H | _ | 1 |
| | - | 142 | +- | ╁ | \vdash | ╁ | 1 | 1- | 1- | Т | | 1 |
| | \vdash | 143 | T | T | 1 | 1 | ⇈ | 1 | Τ | \vdash | Г | ١ |
| | | 144 | 1 | Т | 1 | Γ | Τ | | Π | | |] |
| | | 145 | Ι | Ι | | | Γ | | | | |] |
| | | 146 | \Box | | | Г | | | 匚 | 匚 | L_ | 1 |
| | | 147 | | | 匚 | Ĺ | | Ĺ | 1 | 1 | 1 | 1 |
| | | 148 | L | Ľ | 1 | 1 | 1 | 1 | \vdash | ╀ | - | 1 |
| | L_ | 149 | | 4_ | ╄ | 1 | 1_ | \vdash | 1_ | - | ┡ | ł |
| | | 150 | 1_ | 1_ | | L., | | L | | | 1_ | 1 |